ABSTRACT

The invention discloses a portable remote device that connects wirelessly to the internet or other sources via a host computer which runs a browser, taking information received and renders it onto a virtual display in memory. This information is directed to software which reduces the color depth, compresses and sends it to the portable device, which decompresses and stores it into memory for displaying. The information captured and sent to the remote device is limited to the size of the browser's window, which may be considerably smaller than the image in the virtual display. The browser automatically scrolls to other parts of the image to capture it entirely, sending segments simultaneously to other software responsible for color depth reduction and compression, whilst it scrolls to other segments. The host computer keeps a record of credit card details for each user on file, hence there is no encryption required between the host and remote device, as the host automatically inserts credit card details from its database in the appropriate location for each credit card purchase over the Internet.